

What is claimed is:

1. A apparatus for data safety, comprising:

5 a power switch device, having a first power output and a second power output, for switching an input power to ensure that side first power output and side second power output do not supply power simultaneously;

a first network card, powered by said first power output of said power switch device;

10 a first data storage device, powered by said first power output of said power switch device, for storing the data sourced from said first network card, and for activating an operating system;

a second network card, powered by said second power output of said power switch device; and

15 a second data storage device, powered by said second power output of said power switch device, for storing the data sourced from said second network card, and for activating an operating system.

20 2. The apparatus according to claim 1, wherein the machine address of said first network card and said second network card are each bound with an IP address.

3. The apparatus according to claim 1, wherein said first data storage device is selected from the group consisting of disk on chip, disk on module, and compact flash memory.

4. The apparatus according to claim 1, wherein said first data storage device is selected from the group consisting of disk on chip, disk on module, and compact flash memory.

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5. A apparatus for data safety, comprising:

a power switch device, having a first power output and a second power output, for switching an input power to cause said first power output and said second power output do not supply power simultaneously;

10 a first network card, powered by said first power output of said power switch device, the machine address of said first network card being bound with an IP address;

a second network card, powered by said second power output of said power switch device, the machine address of said second network card being
15 bound with an IP address; and

a data storage device, comprising two data storage components respectively powered by said first power output and said second power output of said power switch device, for respectively storing the data sourced from said first network card and said second network card, wherein said data
20 storage device further provides a connecting line linking to a mainboard for transmitting data to said mainboard.

6. The apparatus according to claim 5, wherein said data storage device is selected from the group consisting of disk on chip, disk on module, and
25 compact flash memory.